

QUARTERLY MEETING REPORT

Honolulu Rail Transit Project

City and County of Honolulu

Honolulu Authority for Rapid Transportation (HART)

Honolulu, HI

April 16, 2014 (FINAL)

PMOC Contract Number: DTFT60-09-D-00012

Task Order No. 2: Honolulu Rail Transit Project

Project No: DC-27-5140

Work Order No. 5

OPs Referenced: OP 1 and 25

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Length of Time Assigned: Five Years (November 18, 2009 through November 17, 2014)

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1.0 INTRODUCTION

The purpose of the report is to provide the Federal Transit Administration (FTA) with summary discussions and activities from the Quarterly Meeting held on April 16, 2014 with the City and County of Honolulu/ Honolulu Authority for Rapid Transportation (HART) for the Honolulu Rail Transit Project (Project).

The meeting agenda is included as Appendix B, and the attendance list is included as Appendix C. A handout of the presentation was provided to each attendee by HART. The meeting handout materials are available upon request. The following report supplements the information contained in the handout materials and HART Quarterly Report.

2.0 OPENING REMARKS

2.1 Federal Transit Administration

Leslie Rogers, FTA Region IX Administrator, welcomed everyone to the Quarterly Meeting and provided the following remarks:

- He noted FTA participation in the risk refresh and environmental meetings that were held on April 15, 2014.
- He discussed the recent changes in FTA appointments. Peter Rogoff, former FTA Administrator, is now the Acting Under Secretary for Policy, and Therese McMillan is performing all the functions of the FTA Administrator.
- United States Department of Transportation (USDOT) Secretary of Transportation Anthony Fox is making the case for a multiyear transportation funding bill in an 8-state bus tour. Mr. Rogers discussed funding for current fiscal year. He also encouraged the Hawaii Department of Transportation (HDOT) to submit for all applicable funding by June 30, 2014.
- A new FTA Grants Management System will be in place in the next fiscal year and grant applications should be submitted by June 30, 2014. Mr. Rogers mentioned that TIGER VI is currently available for projects and pre-registration is required by April 25, 2014. Since 2009, transit has fared fairly well for TIGER VI funding. The Fiscal Year (FY) 2014 Appropriations Act appropriated \$600 million to be awarded by DOT for the TIGER Discretionary Grants program. As in previous rounds, the FY 2014 TIGER Discretionary Grants are for capital investments in surface transportation infrastructure, and are to be awarded on a competitive basis for projects that will have a significant impact on the Nation, a metropolitan area, or a region. Additionally, as in the 2010 round, the Act allows for up to \$35 million (of the \$600 million) to be awarded as grants for the planning of eligible transportation facilities. DOT is referring to these TIGER Discretionary Grants for planning as TIGER Planning Grants. The Act also allows DOT to use a small portion of the \$600 million for oversight of grants.
- Reauthorization and MAP-21 are set to expire by the end of this fiscal year. The Highway Trust Fund will be in a negative state by August 2014. The Mass Transit fund was supposed to be solvent by December 2014, but there is insufficient money in this fund also. The President's FY15 budget includes the plan to infuse \$150 million from taxes, but this plan requires approval from the House Ways and Means Committee.

- Secretary Fox is a big proponent of light rail. He would like FTA to develop a national transportation policy and strengthen freights and goods movement to the health of the US economy. Secretary Fox is engaged in re-authorization, and the purpose of his bus tour is to help identify a stable and reliable funding source. There is also another initiative for income inequality and how transportation can provide leverage and job opportunities.

2.2 Honolulu Authority for Rapid Transportation (HART)

Dan Grabauskas, HART Executive Director (ED) and Chief Executive Officer thanked the FTA for attending the meeting in Honolulu and provided the following remarks:

- Investment in infrastructure is a game changing element to this island and the country with the first driverless system in the United States.
- The philosophy of the project is indicated by the signs in HART's office regarding "on time", "on budget" and "safely".
- Mr. Grabauskas thanked the FTA for the FFGA project. He noted there is tremendous enthusiasm and dedication on this project.
- Mr. Grabauskas also welcomed the new General Engineering Consultant (GEC) III (CH2M-Hill) and two Construction Engineering and Inspections (CE&I) consultants (PGH Wong and URS, Inc.).

3.0 SAFETY BRIEFING

HART provided an update on the status of safety and security:

- It was noted that Brandon Eshenour has been hired by HDOT as the State Oversight Agency Project Manager.
- Core System Contract (CSC) Safety/Security Manager – HART is evaluating the CSC Safety and Security Manager who has been in place for the past three months since he was conditionally approved by HART.
- Ansaldo Honolulu Joint Venture (AHJV) Safety and Security Roadmap – HART is monitoring Safety and Security Road Map items required by AHJV.
- Threat and Vulnerability Analysis (TVA) – System-wide TVA and Hazard Tracking List will be provided to the PMOC.
- Courthouse closeout – HART TVA is closed, but the issue with the opaque wall panels has not finalized with the judge.
- HDOT/HART – Weekly Safety and Security meetings continue between HDOT and HART.
- HDOT audit review of HART – HART is in the process of closing all open items as a result of HDOT's audit.
- HART/HDOT annual HDOT Manual Review – HDOT has been reviewing HART Safety and Security management deliverables on an annual basis.

4.0 TECHNICAL CAPACITY AND CAPABILITY

HART has improved recruitment and hiring of additional Project staff. HART provided the FTA with an overview of current integrated organizational chart. HART is proposing to supplement current staff with Assistant Deputy Directors. The PMOC noted that the Assistant Deputy

Directors (Program Management Support Consultant, PMSC) were not included in the Staffing and Succession Plan recently reviewed by the PMOC.

HART provided the FTA with a status of filing key positions. There are currently ten key positions that remain vacant. The most critical positions that HART is diligently working to fill include:

- Deputy Director of Construction
- Change Manager
- Deputy Director of Planning
- Risk Manager
- Assistant Deputy Directors (5)

HART has identified candidates for the Deputy Director of Construction (PMSC), Deputy Director of Planning (HART) and Change Manager (PMSC). HART will use the GEC III to fill the Risk Manager position on an interim basis. HART also recently hired a Grants Manager (HART) who was present at the Quarterly Meeting.

5.0 PROJECT CONTROLS

5.1 Scope

HART provided the FTA with a brief update of scope items for current and future projects. As a result of project delays, HART revised the Contract Packaging Plan (CPP). Several contract packages have been combined (Airport/City Center Guideway and City Center Utilities Construction, West Oahu/Farrington/Kamehameha Station Group, Dillingham/Kaka'ako Station Group) to maximize economies of scale and reduce interface needs between design and construction contractors to achieve both cost and schedule benefits.

5.2 Budget and Cost

HART provided an update budget and expenditures to date for the Project:

- The Project Budget is \$5.122 billion. HART stated the Project is on budget while acknowledging there has been cost pressure on the budget due to the year-long Archeological Inventory Survey (AIS) delay to the project and changing market conditions.
- HART's incurred costs to date total are \$904.5 million.
- HART's forecast for contingency indicates a balance of \$423.8 million remaining. FTA indicated the contingency reported in HART's Monthly Report shows \$608.2 million and not \$423.8 million. HART replied the \$608.2 million amount that is reported is based on contracts and executed changes during the first quarter of 2014. HART's draw-down curve and forecast contingency are based future known changes and are not accounted for until execution of the applicable change orders. HART will provide a note in the next Monthly Report to better explain the two contingency numbers.

5.3 Schedule

HART stated their targeted date for full revenue service remains March 2019 despite the AIS delay. HART is implementing measures to maintain the March 30, 2019 full Revenue Service Date (RSD). In addition, the latest update of the Master Program Schedule (MPS) does not indicate any delays to the Interim Opening scheduled for June 2017. HART has directed the Design-Build (DB) contractors to re-baseline/revise their Critical Path Method (CPM) schedules. The HART MPS includes summary activities and milestones extracted from each of the construction contractor schedules. HART has accepted the West Oahu/Farrington Highway Guideway (WOFH), Kamehameha Highway Guideway (KHG), and Maintenance and Storage Facility (MSF) contractor “re-baseline/revise” schedules and the new dates have been incorporated into the latest MPS progress update.

HART provided a brief progress update on the MPS to date for the Project:

- CSC –AHJV submitted revisions to their re-baselined schedule on April 4, 2014. The target for the first 4-car delivery is February 2016. AHJV has 20 months from the February 2016 to deliver vehicles to meet HART’s interim opening date of June 2017. AHJV plans to have five train sets, or 20 rail vehicles, by June 2017. There is an additional 20 months for delivery of the remaining vehicles to support HART’s RSD by March 2019.
- MSF DB Contract – The Kiewit/Kobayashi Joint Venture (KKJV) Time Impact Analysis (TIA) matches CSC for vehicle delivery. Kiewit’s overall design plan for guideway sections 1 and 2 is near approval and supports functional test track availability in time for CSC 4-car schedule.
- The construction timetable for all station group construction contracts allows for resource leveled approach by the station contractors.

HART is in the process of integrating contractors schedule into the MPS and anticipates having a completed MPS in the next two weeks.

6.0 PROJECT RISKS/MITIGATIONS

HART’s Interim Risk Manager (GEC III) provided a summary of the risk refresh that was held on April 15, 2014. HART then discussed the top 10 risks associated with the project. HART acknowledges that they must update the risk register since there are several redundant risks. Two risks were deleted from the top 10 risk register. The PMOC inquired if HART vetted the risks that were deleted from the risk register with the Risk Assessment Committee (RAC). The RAC is responsible for sorting through the key risks as presented by the GEC III Risk Manager and subsequently advising senior management what priority actions should be implemented to avoid or mitigate cost and schedule impacts. HART responded the deleted risks and the risks that were removed from the top 10 were approved by the RAC.

7.0 ENGINEERING AND INTERFACE ACTIVITIES

HART provided the FTA with an update on engineering and interface activities:

- Hawaiian Electric Company (HECO) – HART indicated that a 50-foot offset is required by HECO from edge of guideway structure to any energized wire. This is not possible in

many locations, particularly along Dillingham Boulevard. This is not a code requirement but is a HECO preference to minimize issues with line maintenance. If this requirement was enforced, it would be necessary to either relocate high voltage lines underground or acquire significantly more real estate along portions of the corridor. FTA replied they will work with HART's Corporation Council to discuss legality of HECO's 50-foot clearance. However, HART is in the process of resolving this issue with HECO senior management.

- Right Of Way (ROW) turnover dates – Some ROW will be beyond the award date for the Airport/City Center Fixed Guideway contract. HART will set priorities in the contract and provide the contractor with anticipated dates when ROW will be available for the contractor. HART will also provide a list of ROW parcels requiring FTA review over next three months.
- Delay in geotechnical borings – Due to the recently resolved federal lawsuit, the Airport/City Center designer could not perform any geotechnical borings to complete their design. With the federal issue resolved, the designers will complete geotechnical borings in August 2014.
- Pending changes – HART will include estimated completion dates for all change orders.
- Higher engineer's estimate – HART indicated they have received higher engineer estimates for the Airport/City Center Fixed Guideway, Airport Utility and WOFH Station Projects. HART indicated their CE&I consultants are in the process of finalizing their estimates. HART will provide the PMOC with the revised estimates in the next few weeks.
- Completeness of Design – HART indicated they will perform a quality review of all remaining contracts that have not been issued for bid.
- Interface turnover dates – HART is mostly focused on the west side fixed guideway and station partial turnover dates.
- Interface loads – West side stations designers and guideway designers are in discussion on unbalanced loads.
- Interface hold points – The interfaces between all projects will be based on risks and the status of the continuing design.

8.0 CONSTRUCTION UPDATE

8.1 WOFH DB Contract

HART provided a construction update of the WOFH DB contract:

- Approximately 80 columns have been completed.
- Utility relocations continue.
- The precast facility has begun production of guideway segments.
- Assembly of the guideway segment erection truss has begun. Kiewit intends to erect the first segments in early May 2014.

8.2 KHG DB Contract

HART provided a construction update of the KHG DB contract:

- Utility relocations continue.

- Test shaft program continues.
- Kiewit intends to begin installation of production shafts in September 2014.

8.3 MSF DB Contract

HART provided a construction update of the MSF DB contract:

- Ongoing work includes retaining wall construction; utility installation; and installation of building foundations.

8.4 CSC DBOM Contract

HART provided an update of the CSC contract:

- Final Design is ongoing.
- Draft schedule re-baseline is under discussion. The second draft re-baseline was received April 4, 2014
- AHJV Local Staff – Project Controls Manager position remains vacant and critical.
- Vehicle design activities are being monitored in Italy by Lea+Elliott staff.
- Vehicle Interim Design Documentation in progress – Quantity of submittals improving
- NTP Delay Claim Denied – AHJV has requested mediation to resolve this issue.
- HART has rejected a claim for a price differential with the Platform Screen Gates (PSG). AHJV submitted a price of \$28.8 million. HART issued a unilateral change order for \$27.1 million. Although AHJV must abide by this unilateral directive, they are free to file a claim for the additional costs or time incurred. Since a unilateral change order does not require the contractor's signature, the change order cannot act as, or contain, a release of further claims.
- Four-Car Train/Mixed Fleet negotiation meetings regarding costs are scheduled for April 28 and May 1.
- Fare Collection System – The addition of Fiber Cable/Delete Ticket Vending Machines (TVM) Executive Decision Document (EDD) was signed. A Request for Change is in process, the technical requirements have been issued.
- Wi-Fi Provisions to Passenger Vehicles – EDD has been approved by HART. A Request for Change is under technical review.

9.0 UTILITIES & PERMITS

HART provided FTA with the following Buy America utilities update:

- AT&T Corporation – HART has reviewed the list and determined which items are considered components. AT&T is verifying that the components are made in the USA.
- AT&T Government Solutions – No issues. AT&T Government Solutions maintains laterals for government agencies (Army, Navy, etc.) off of the infrastructure backbone that AT&T Corporation maintains.
- Oceanic/Time Warner – HART executed an amendment to WOFH Utilities Construction Agreement (UCA) to include a Buy America clause.
- Hawaiian Telecom – HART continues to assess the origin of the material on hand that Wavecom had purchased for the Project prior to Wavecom's acquisition by Hawaiian Telecom.

- HECO – HECO requested a waiver from HART for a fiberglass utility pole which was based on sole source. HART investigated and determined that a comparable fiberglass pole can be obtained from a US manufacturer. HART rejected HECO's waiver request.
- Hawaiian Gas – No issues
- TW Telecom – No issues
- Chevron – No issues
- Hawaiian Independent Energy – No issues

HART provided FTA with the following Buy America Compliance update:

- Breda March 2014 Report – Buy America content of the E-car is 71.0%, which is an increase in the Pre-Award amount of 69.3%.
- Breda to manufacture Truck Frames and Bolsters at DRS in West Plains, Missouri.
- Breda developing Buy America Compliance Matrix (BACM) for the M-Car.
- HART issued a noncompliance report on MSF for using Canadian sand in their concrete mix. FTA had a similar issue with another grantee, and will discuss with HART's Corporation Council on potential solutions.

HART informed the FTA that HECO expressed concern with being able to meet all requirements of Davis-Bacon. Specifically, they have a collective bargaining agreement that has different wage scales and allows payment to their labor forces biweekly, which does not satisfy Davis-Bacon. HECO submitted requests to the US Department of Labor and Hawaii Department of Labor and Industrial Relations seeking a waiver of wage rates as well as permission to pay salaries and report payroll records biweekly. If this issue is not resolved, it could impact the schedule.

10.0 RIGHT-OF-WAY/REAL ESTATE ACQUISITION AND 3RD PARTY AGREEMENTS

The following issues were discussed:

- The resumption of acquisitions for the entire City Center Section and ability to complete acquisitions on schedule will be difficult. To mitigate these concerns, HART has increased staffing, intends to implement a more efficient data management system, and has increased use of outside resources.
- Coordination is ongoing for the acquisition of Navy properties.
- UH West Oahu Interim Park and Ride – HART intends to build an interim park-n-ride facility at the University of Hawaii West Oahu Station. This facility will be in use until the developer completes the structure over the Kaloi Channel that allows for access to the permanent location of the park-n-ride facility. HART is evaluating the issue of either using federal funds or local funds to build the interim facility. Clarification by HART on the use of funds for this work is needed. UH West Oahu intends to use the interim facility for campus parking after HART no longer has need for the facility. However, it is not known how long the interim facility will be in use before the permanent facility can be constructed.
- Department of Hawaiian Homelands (DHHL) License Agreement status – Deputy Attorney General and HART's Corporation Council are discussing this agreement. HART anticipates this issue will be resolved in May 2014.

An update on the ROW Budget was provided:

- \$54.1 million was expended to acquire 26 properties. This is \$6.0 million under the budgeted amount of \$60.1 million for those properties
- Total expended to date in relocation expenses is \$2.7 million.

The following table provides the status of Third Party Agreements for the project:

Agreement	Status	Target	Section	Notes/Remarks	Purpose/Description
University of Hawaii (UH) Master Agreement	Pending	September 2014	WOFH, KHG, City Center	Final negotiations are underway. Will secure Right of Construction as not to delay the project.	Needed for columns located on UH property; the master agreement will encompass all campuses that HART project interfaces with
UH –West O‘ahu (UHWO) Pre-Construction Right of Entry	Executed		WOFH		Column construction for the WOFH D/B contract within the West Oahu campus. Sub-agreement will also include the UHWO park-and-ride
UH – West O‘ahu (UHWO) Construction Right of Entry	Pending	April 2014	WOFH	In negotiations.	
Leeward Community College (LCC) Pre-Construction Right of Entry	Executed		WOFH		Column construction for the WOFH D/B contract within the LCC campus
Leeward Community College (LCC) Construction Right of Entry	Pending	April 2014	WOFH	In negotiations.	
UH Urban Garden Pre-Construction Right of Entry	Executed		KHG		Column construction for the KHG D/B contract
UH Urban Garden Construction Right of Entry	Pending	April 2014	KHG	In negotiations.	
DR Horton Agreement for Construction	Executed		WOFH	Allows for construction to proceed	Column construction for the WOFH D/B contract in the Ho‘opili area
DR Horton Final Easement Agreement	Pending	December 2014	WOFH	Document in process with DR Horton	
Honolulu Community College (HCC) Pre-Construction Right of Entry	Executed	April 2014	City Center		Column construction for the City Center section
Honolulu Community College (HCC) Construction Right of Entry	Pending	April 2014	City Center	In negotiations.	
Department of Land and Natural Resources (DLNR) Right of Entry	Executed		WOFH	Right of entry is in place	Column construction for the WOFH D/B contract
Department of Land and Natural Resources (DLNR) Easement	Pending		WOFH	Easement documents in process	
Department of Education Master Agreement and Consent to Construct	Executed	May 2014	WOFH	ROE is pending to allow entry for work to proceed; Master Agreement is pending	For site improvements related to the construction of the Guideway at Waipahu High School
Aloha Stadium / Department of Accounting & General Services (DAGS) Right of Entry	Executed		KHG	Limited ROE granted for staging for Kiewit for KHG Contract	Column construction for the KHG D/B contract
Aloha Stadium / Department of Accounting & General Services (DAGS) Easement	Pending	September 2014	KHG	Easement in process	Column construction for the KHG D/B contract and the construction of the park-and-ride lot
DHHL Master Agreement	Executed		WOFH, MSF		Column construction on the WOFH section and the construction of the
DHHL Consent to Construct	Executed		WOFH, MSF	Consent to construct in place.	

Agreement	Status	Target	Section	Notes/Remarks	Purpose/Description
DHHL License	Pending	June 2014	WOFH, MSF	License agreement approved by City Council. Awaiting final execution	Maintenance and Storage Facility
HDOT Master Agreement	Executed		WOFH		Joint Use & Occupancy for Farrington and Kamehameha
HDOT Joint Use & Occupancy (JU&O) Sub-agreement	Executed		WOFH		Highways for the construction of the Guideway from Kaploei to Pearlridge
HDOT Master Agreement for KHG, Airport and City Center	Executed		KHG, Airport, City Center		Joint Use & Occupancy for Kamehameha and Nimitz Highways for the construction of the Guideway from Pearlridge to downtown Honolulu.
HDOT JU&O Sub-agreement	Executed		KHG Airport City Center		Joint Use & Occupancy for construction of the Guideway for the KHG D/B contract
HDOT SOA MOU	Executed		Program		Provides funding for HDOT personnel/support to implement the required State Safety Oversight Program
OCCC/Hawaii Department of Public Safety Agreement Dillingham Blvd	Pending	July 2014	City Center	Finalizing requirements.	Required due to parking space reduction at OCCC for roadway widening.
HI Community Development Agreement (HCDA)	Pending	Oct 2014	City Center	Awaiting final design requirements for the guideway.	Required for the column construction for City Center Guideway
DAGS	Pending	Oct 2014	City Center	Awaiting final design requirements for the guideway.	
U.S. Navy / General Services Administration (GSA)	Pending	N/A	Airport	Easements and fee taking are being processed by the Navy. Under new directive Navy will charge for all licenses and easements.	For column construction of the Airport section and the Pearl Harbor Station
U.S. Post Office Honolulu Processing Center	Pending	April 2014	Airport	Finalized design. Title Search and mapping have been initiated.	Easement needed for column construction of the Guideway in the Airport
Federal Court House/GSA	Pending	Oct 2014	City Center	Awaiting final design requirements for the guideway	Easement needed for column construction of the Guideway in the Airport
Pacific Guardian Center	Pending	Jun 2015	City Center	Awaiting final design requirements for the guideway and Downtown station.	Required for the column construction for City Center Guideway and Downtown station

Agreement	Status	Target	Section	Notes/Remarks	Purpose/Description
Howard Hughes Corporation – Joint Development Agreement	Pending	Jun 2015	City Center	Awaiting final design requirements for the guideway and Kakaako station.	Required for the column construction for City Center Guideway and Kakaako station
Sam House Development LLC – Joint Development Agreement	Pending	Jun 2015	City Center	Awaiting final design requirements for the guideway and Ala Moana Center station.	Required for the column construction for City Center Guideway and Ala Moana Center station
GGP Ala Moana LLC – Joint Development Agreement	Pending	Jun 2015	City Center	Awaiting final design requirements for the guideway and Ala Moana station.	Required for the column construction for City Center Guideway and Ala Moana Center station

11.0 PROCUREMENT UPDATE

HART provided an update of procurement activities:

- Contracts Awarded to Date:
 - Contracts – 33
 - Estimated Value – \$3.18 billion
- Contracts Remaining:
 - Contracts – 11
 - Estimated Value – \$1.5 billion

11.1 Rail Vehicles

Rail Vehicle issues were discussed in the Core Systems Contract construction update section.

11.2 Procurement Schedule

HART provided the following update:

- Art-In-Transit (Call for Artists) – HART is in the process of awarding several contracts to artists.
- Safety and Security Support – Award is pending; HART anticipates issuing Notice to Proceed in April 2014.
- Real Estate Mapping and Surveying – HART is in the process of selecting a firm to assist them with mapping and surveying items
- Airport Section Utilities – Bids received on March 18, 2014 were evaluated by HART and found to be non-responsive. HART anticipates re-procuring in May 2014.
- West Oahu / Farrington Highway / Kamehameha Station Groups Construction (Westside Station Group) – HART initially intended to issue the Invitation for Bids (IFB) on March 18, 2014. However, there are several components of the package that were not ready. HART now anticipates issuing the IFB on May 15, 2014. Any portions of the package that are not finalized at that time will be added through addendum.
- Pearl Highlands Parking Structure – The RFP for this DB contract was advertised on March 3, 2014. RFP Part I responses are due in April 2014.

12.0 NEPA UPDATE

12.1 Mitigation Monitoring Plan

HART provided an update on the Mitigation Monitoring Plan:

- Quarterly reporting is being submitted to FTA on a regular basis.
- The Quarterly Mitigation Report for First Quarter 2014 was submitted to the FTA in April.
- Revision 1 of the Mitigation Monitoring Program (Baselined July 17, 2012) is in progress and scheduled and submitted to the FTA for review in April 2014.

HART is committed to implementing all mitigation measures specified by the ROD and all terms of the Project's Programmatic Agreement. HART provided an update on the status of Programmatic Agreement (PA):

- The following Consulting Parties Meetings have been held:
 - Aloha Stadium
 - Monthly Kako'o Meetings
- Chapter 6E activities include:
 - Data Recovery on-going
 - Iwi kupuna discoveries and consultation is ongoing
 - Mitigation documents are being prepared
- On-going coordination with Navy:
 - Pearl Harbor Station National Register Forms
 - National Historic Landmark Update

12.2 Post-Record of Decision (ROD) Changes

HART provided an update on the status of Post-ROD changes:

- Middle Street Alignment refinement – HART is in the process of submitting a package to FTA for review.
- Keehi Lagoon Section 4(f)
- Airport/City Center Casting Yard – HART has identifies a casting yard that is close to the existing WOFH/KHG casting yard.
- City Center AIS design refinements are ongoing.

13.0 QUALITY UPDATE

HART provided an update on the status of quality management as noted in the slides:

- The status audits performed and schedule for upcoming audits by the HART Quality Management staff was provided.
- The status of Nonconformance Reports (NCR) was provided.
- In general, the Quality Manager stated that the quality of all activities on the project is good.

14.0 PUBLIC OUTREACH

HART provided an update on the status of key construction outreach issues as noted in the slides. It was noted that there have been no significant issues regarding public involvement to report.

15.0 OTHER ITEMS

15.1 DBE Participation

HART provided an update on the status of Disadvantaged Business Enterprise (DBE) Participation:

- Total DBE participation was \$15,623,871

- FTA disbursements to March 31, 2014
 - \$246,729,169 DBE Goal is 13% or \$32,074,792
 - \$15,623,871 represents 6.33% of total FTA funds
- Total project FTA Funds is \$1.764 Billion
 - DBE project goal is 13% or \$229 Million
 - \$15,623,871 represents 0.89% of total Project FTA funds

In response to a question, HART stated that the DBE project goal is based on the federal participation amount, not the total project amount.

15.2 Legal Issues

No legal issues were discussed during the Quarterly Meeting.

16.0 FUTURE PROJECTS

No future projects were discussed during the Quarterly Meeting.

17.0 GRANTS STATUS UPDATE

HART provided the FTA with a drawdown status. Drawdowns to June 30, 2014 are projected to be \$68 million. Drawdowns have been delayed due to the one-year suspension of construction and the corresponding lower than planned incurred costs to date. FTA replied there will be an FTA system wide shutdown of TEAM from April 30, 2014 through May 15, 2014.

HART provided the FTA with a cash balance status. The cumulative operating expenditures are below plan principally due to lower than budgeted personnel and legal cost. Cumulative capital expenditures are below plan, which reflects the suspension of construction activities that resumed in September 2013. HART reported the General Excise Tax (GET) surcharge revenue of \$157 million through February 28, 2014 is on plan for fiscal year 2014. HART discussed the Project Revenue versus Incurred Costs as of March 31, 2014. The PMOC mentioned the updated Financial Plan should be based on the updated MPS and costs. FTA replied that HART must revise their Financial Plan once the MPS and costs are updated.

18.0 PMOC OBSERVATIONS

No specific PMOC Observations were discussed during this portion of the Quarterly Meeting.

19.0 ACTION ITEMS

The following are the Action Items from the Quarterly Meeting.

Item No.	Item	Responsible Party	Date Identified	Date Due	Date Completed	Status
1	Provide technical specification on opaque wall panels for Federal Courthouse	HART	Oct-13	Apr-14		Open
2	Schedule PMP & QMP compliance audit	PMOC	Nov-13	May-14		Open – HART to conduct an internal audit in advance during March/April
3	Status of HART's request for waiver from Navy related to fair market value compensation for easements/licenses/acquisition	HART	Nov-13	May-14		Open – Navy waiver request moving through the process.
4	HART to provide summaries of bidability/constructability reviews performed by GEC and CE&I	HART	Dec-13	Mar-14		Open – In progress
5	Add major development agreements to MPS	HART	Feb-14	Apr-14		Open
6	Resolve HECO 50-foot offset requirement	HART	Mar-14	May-14		Open
8	Process Kiewit submission of first claim for materials escalation due to AIS/NTP delay	HART	Mar-14	May-14		Open
9	Receive confirmation that license agreement with DHHL has been executed	HART	Mar-14	Jun-14		Open
10	Resolve issue with AHJV regarding cost savings associated with change to 4-car trains	HART	Mar-14	Jun-14		Open
11	Resolve HECO issue with Davis-Bacon requirements	HART/FTA	Mar-14	May-14		Open
12	Update primary and secondary mitigation measures	HART	May-13	Apr-14		Open – In progress
13	Update MPS to include realistic schedule for City Center ROW acquisitions	HART	Jun-13	Apr-14		Open – In progress
14	Revisit Hold Points when after MPS is updated	HART/PMOC	Sept-13	Apr-14		Open – will occur after Risk Refresh
15	Provide System-wide TVA to PMOC	HART	Apr-14	May-14		Open
16	Provide CE&I cost estimate for Westside Stations Group to PMOC	HART	Apr-14	May-14		Open
17	Provide CE&I cost estimate for Airport/City Center Guideway to PMOC	HART	Apr-14	Jul-14		Open
18	Re-baseline MPS	HART	Apr-14	Jun-14		Open
19	Re-baseline budget	HART	Apr-14	Jul-14		Open
20	Re-baseline Financial Plan	HART	Apr-14	Jul-14		Open

Item No.	Item	Responsible Party	Date Identified	Date Due	Date Completed	Status
21	Provide interim opening date for UH West Oahu Park and Ride Project	HART	Apr-14	May-14		Open
22	Provide list of ROW parcels requiring FTA review over next three months	HART	Apr-14	May-14		Open

20.0 LOOK AHEAD SCHEDULE

The following is a 90-day look ahead for important activities associated with the Project:

Period: April 2014 – June 2014		
Activity	Responsibility	Date
Monthly Progress Meeting	FTA, HART, PMSC and PMOC	May 14, 2014
Monthly Progress Meeting	FTA, HART, PMSC and PMOC	June 11, 2014
Monthly Progress Meeting	FTA, HART, PMSC and PMOC	July 1, 2014
Quarterly Meeting	FTA, HART, PMSC and PMOC	July 2014

21.0 NEXT MEETING

The next FTA Quarterly Meeting is to be scheduled in July 2014 and will be held in San Francisco, CA.

22.0 APPENDICES

Appendix A: Acronym List

AHJV	▪ Analysis of Contract Joint Venture
AIS	▪ Archeological Inventory Survey
BACM	▪ Buy America Compliance Matrix
CE&I	▪ Construction Engineering and Inspection
CPM	▪ Critical Path Method
CPP	▪ Contract Packaging Plan
CSC	▪ Core Systems Contract
DAGS	▪ Department of Accounting and General Services
DB	▪ Design-Build
DBE	▪ Disadvantaged Business Enterprise
DBOM	▪ Design-Build-Operate-Maintain
DHHL	▪ Department of Hawaiian Homelands
DLNR	▪ Department of Land and Natural Resources
ED	▪ Executive Decision Contract
EDD	▪ Executive Decision Document
FFGA	▪ Full Funding Grant Agreement
FTA	▪ Federal Transit Administration
FY	▪ Fiscal Year
GEC	▪ General Engineering Consultant
GET	▪ General Excise Tax
GSA	▪ General Services Administration
HART	▪ Honolulu Authority for Rapid Transportation
HCC	▪ Honolulu Community College
HCDA	▪ Hawaii Community Development Agreement
HDOT	▪ Hawaii Department of Transportation
HECO	▪ Hawaii Electric Company
IFB	▪ Invitation to Bid
JU&O	▪ Joint Use & Occupancy
KHG	▪ Kamehameha Highway Guideway
KKJV	▪ Kiewit/Kobayashi Joint Venture
LCC	▪ Leeward Community College
MAP-21	▪ Moving Ahead for Progress in the 21 st Century ACT
MMP	▪ Mitigation Monitoring Program
MOU	▪ Memorandum of Understanding
MPS	▪ Master Program Schedule
MSF	▪ Maintenance and Storage Facility
NCR	▪ Nonconformance Report
NTP	▪ Notice to Proceed
PA	▪ Programmatic Agreement
PMSC	▪ Project Management Support Consultant
PMOC	▪ Project Management Oversight Contractor
PMP	▪ Project Management Plan
QMP	▪ Quality Management Plan
RAC	▪ Risk Assessment Committee
RCMP	▪ Risk and Contingency Management Plan
ROD	▪ Record of Decision
ROW	▪ Right of Way Contract
RSD	▪ Revenue Service Date
SOA	▪ State Oversight Agency
TIA	▪ Time Impact Analysis
TVA	▪ Threat and Vulnerability Analysis

UCA	▪ Utilities Construction Agreement
UH	▪ University of Hawaii
UHWO	▪ University of Hawaii West Oahu
USDOT	▪ United States Department of Transportation U.S. Department of Transportation
WOFH	▪ West Oahu/Farmington Highway

Appendix B: Agenda

FTA/PMOC QUARTERLY MEETING AGENDA – Wednesday, April 16, 2014			
8:00 am HST	1.	Introductions	
	2.	Opening Remarks	
	a.	FTA	L. Rogers
	b.	HART	D. Grabauskas
	3.	Safety Briefing	H. Miranda
	a.	System-wide Trends/Updates	
	b.	State Safety Oversight Agency (SSOA) Update	
	c.	Status of Safety and Security Management Deliverables	
	d.	MOU's with HPD & HFD	
	e.	HART Safety and Security Roadmap updates	
	f.	Certifiable Elements and Items Lists	
	g.	Threat & Vulnerability Assessments (TVAs)	
	h.	Preliminary Hazard Analysis (PHA)	
	i.	Design and Construction Conformance Checklists	
	j.	Safety and Security Support Services Consultant	
	k.	Testing and Start-up	
	4.	Technical Capacity and Capability	B. Morioka
	a.	Organizational Charts/Updates	
	b.	Staffing & Succession Plan	
	c.	Status of Unfilled Positions	
	d.	Update of Management Plans	
	5.	Project Controls	
	a.	Scope	L. Garrido
		▪ Differing Site Conditions	
		▪ Design Changes	
		▪ NEPA Changes	
		▪ System Operational Changes	
		▪ Impacts to the baseline budget and schedule	
		▪ Interface Management	
	b.	Budget and Cost	D. Sagharian
		▪ Original Budget	
		▪ Current Budget	
		▪ Expenditures to Date Remaining Budget	
		▪ Cost Baseline vs Actual Cost	
		▪ Estimate at Completion (EAC)	
		▪ Allocation of Contingency (future trends)	
		▪ Contingency Baseline vs Forecast Contingency	
		▪ Status of Change Orders, Claims, and Settlements (>\$100K)	
		▪ Cash Flow Trends vs. Project Revenue	D. Arakaki

	c. Schedule (Baseline vs. Actuals) <ul style="list-style-type: none"> ▪ Overall project Activities ▪ Final Design Activities ▪ Construction Activities ▪ Procurement Activities ▪ System Operations/RSD ▪ Contingency Baseline vs Forecast Contingency 	D. Sagharian
6.	Project Risks/Mitigations <ul style="list-style-type: none"> a. Primary Mitigation b. Secondary Mitigation c. Risk and Contingency Management Plan 	D. Sagharian
7.	Engineering and Interface Activities <ul style="list-style-type: none"> a. Guideway and Utilities b. Stations 	I. Lee
8.	Construction Update <ul style="list-style-type: none"> a. WOFH DB Contract b. KHG DB Contract c. MSF DB Contract d. CSC DBOM Contract e. Elevators and Escalators DBFOM Contract f. Airport Utility Relocations 	L. Garrido
9.	Utilities & Permits <ul style="list-style-type: none"> a. Buy America b. HECO – Requirements of Davis-Bacon 	D. Mar
10.	Right-of-Way/Real Estate Acquisition and 3 rd Party Agreements <ul style="list-style-type: none"> a. Status of City Center Properties b. Temporary Parking Facility (West Oahu) 	M. Atta
11.	Procurement Update <ul style="list-style-type: none"> a. Rail Vehicles b. Procurement Schedule 	R. Hombach P. Youngling
12.	NEPA Update <ul style="list-style-type: none"> a. Mitigation Monitoring Plan b. Post-ROD Changes 	L. Scanlon
13.	Quality Update	A. Bonifacio
14.	Public Outreach	J. Belding
15.	Other Items <ul style="list-style-type: none"> a. DBE Participation b. Legal Issues c. EEO Status 	
16.	Future Projects	D. Grabauskas
17.	Grants Status update	D. Arakaki
18.	PMOC Observations	T. Mantych
19.	Action Item Review	T. Mantych
	Next Quarterly Meeting – July 2014 (San Francisco, CA)	

Appendix C: Attendance List

Name	Agency/Company
Leslie Rogers	FTA
Joonsik Maing	FTA
Bernardo Bustamante	FTA
Ted Matley	FTA
Catherine Luu	FTA
Mary Nguyen	FTA
Jadine Urasaki	HDOT
Brandon Eshenour	HDOT
Dan Grabauskas	HART
Brennon Morioka	HART
Elizabeth Scanlon	HART
Diane Arakaki	HART
Paul Romaine	HART
Darin Mar	HART
Paula Youngling	HART
Charles Bane	HART
Morris Atta	HART
Greg Rapp	HART
Corey Ellis	HART
Ryan Tam	HART
Jill Odo	HART
Bruce Sakihama	HART
Cheryl Kaneshiro	HART
In-Tae-Lee	HART
Rolando Bueno Jr	HART
Richard Doyle	Independent Consultant

*Participated via teleconference.

Name	Agency/Company
Lorenzo Garrido	PMSC
Wes Mott	PMSC
Rainer Hombach	PMSC
David Sagherian	PMSC
John Moore	PMSC
Duane Sayers	PMSC
Albert Bonifacio	PMSC
Jeanne Belding	PMSC
Henry Miranda	PMSC
Mignon Allen	HDOT SSO Consultant
Kathleen Chu	GEC III
Jay McRae	GEC III
Steve Kyunk	CE&I West
Cliff Wong	CE&I West
Brian Norris	CE&I East
Mike Boomsma	CE&I West
Tim Mantych	PMOC
Bill Tsiforas	PMOC
Tim Morris	PMOC
Charles Neathery	PMOC
Alvin Nakamura	PMOC
Keith Konradi*	PMOC